

Rev. 08/22/2003

Attorney Docket No.: MTEC-004/00US

Client Reference No.: 0121.00US

Express Mail Label Number:

EV 526724668 US

Date of Deposit:

June 15, 2005

EV526724668US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of THEKKATH et al.

Serial No.: 09/844,668

Examiner: Pham, Chrystine

Confirmation No.: 8993

Art Unit: 2122

Filed: April 30, 2001

For: EXTERNAL TRACE SYNCHRONIZATION VIA PERIODIC SAMPLING

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Enclosed is an Information Disclosure Statement and accompanying Form PTO/SB/08A for the above-identified patent application.

☒ In accordance with 37 C.F.R. §1.97(c), also enclosed is:

☒ the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p); or

☐ a statement as specified in 37 C.F.R. §1.97(e).

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 03-3117.

Dated: June 15, 2005

Cooley Godward LLP
ATTN: Patent Group
Five Palo Alto Square
3000 El Camino Real
Palo Alto, CA 94306-2155
Tel: (650) 843-5000
Fax: (650) 857-0663
WSG:dm

Respectfully submitted,
COOLEY GODWARD LLP

By: _____

William S. Galliani
Reg. No. 33,885



Attorney Docket No. MTEC-004/00US
Client Reference No.: 0121.00US

PATENT

Express Mail Label Number: EV 526724668 US
Date of Deposit: June 15, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of THEKKATH et al.

Serial No.: 09/844,668

Examiner: Pham, Chrystine

Confirmation No.: 8993

Art Unit: 2122

Filed: April 30, 2001

For: **EXTERNAL TRACE SYNCHRONIZATION VIA PERIODIC SAMPLING**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97(c)**

In accordance with the duty of disclosure set forth in 37 C.F.R. §1.56,

Applicant(s) hereby submits the following information in conformance with 37 C.F.R.
§§1.97 and 1.98.

- ☒ Pursuant to 37 C.F.R. §1.98, a copy of each document cited in the attached Form PTO/SB/08A is enclosed.
- ☐ No copies of the publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98(d) because the publications were previously cited by or submitted to the Office in prior Application Serial No. ___ to which the above-identified application claims priority under 35 U.S.C. §120.
- ☐ No copies of any U.S. patents or U.S. patent application publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98.

06/17/2005 JBALINAN 00000120 09844668

01 FC:1806

180.00 DP

- ☐ Publication(s) ___ listed on the attached Form PTO/SB/08A were cited in a foreign search or examination report corresponding to ___ application serial no. ___ and mailed on ___.
- ☐ Enclosed is a copy of a non-English publication(s) ___. Pursuant to §609 of the M.P.E.P., Applicant submits the attached foreign search or examination report, which cites such non-English language publication(s).
- ☐ Enclosed is a copy of a non-English publication(s) ___. English language publication ___ (copy enclosed) claims priority from this non-English publication.
- ☐ Enclosed is an explanation of non-English publication(s) ___ for which an English translation is not available.
- ☐ Enclosed is an English translation of non-English publication(s) ___ cited in the attached Form PTO/SB/08A.
- ☐ Enclosed is a copy of pending patent Application Serial No. ___.

This Information Disclosure Statement is filed after the period specified in 37 C.F.R. § 1.97(b), but before the mailing of:

- ☒ a final action under 37 C.F.R. §1.113;
- ☐ a notice of allowance under 37 C.F.R. §1.311; or
- ☐ an action that otherwise closes prosecution in this application.

In accordance with 37 C.F.R. §1.97(c) also enclosed is:

- ☒ Fee under 37 C.F.R. §1.17(p) in the amount of \$180.00; or
- ☐ Statement as specified in 37 C.F.R. §1.97(e):
 - ☐ Each item of information contained in the Information Disclosure Statement cited herein was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of the Information Disclosure Statement; or
 - ☐ No item of information contained in the Information Disclosure Statement submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, having made a reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37

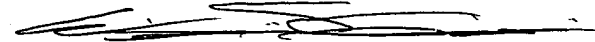
C.F.R. §1.56(c) more than three months prior to the filing
date of the Information Disclosure Statement.

It is respectfully requested that the Examiner consider the above-noted
information and return an initialed copy of the attached Form PTO/SB/08A to the
undersigned.

Dated: JUN 15, 2005

Cooley Godward LLP
ATTN: Patent Group
Five Palo Alto Square
3000 El Camino Real
Palo Alto, CA 94306-2155
Tel: (650) 843-5000
Fax: (650) 857-0663
WSG/dm

Respectfully submitted,
COOLEY GODWARD LLP



By: _____

William S. Galliani
Reg. No. 33,885

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

| | |
|------------------------|-----------------|
| Application Number | 09/844,668 |
| Filing Date | April 30, 2001 |
| First Named Inventor | THEKKATH |
| Group Art Unit | 2122 |
| Examiner Name | Pham, Chrystine |
| Attorney Docket Number | MTEC-004/00US |

Sheet **1 of 1**

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | T ⁴ |
|-----------------------|--------------------------|-------------------------|---------------------|--------------------------------------|--|--|----------------|
| | | Office ¹ | Number ² | Kind Code ³ (if known) | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

OTHER - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|-----------------------|--------------------------|---|----------------|
| | D1 | Susan J. EGGERS, et al., "Techniques for Efficient Inline Tracing on a Shared-Memory Multiprocessor," University of Washington, <i>1990 ACM</i> , pp. 37-47. | |
| | D2 | Richard A. UHLIG, et al., "Trace-Driven Memory Simulation: A Survey," Intel Microcomputer Research Lab; University of Michigan, <i>ACM Computing Surveys</i> , Vol. 29, No. 2, June 1997, pp. 128-170. | |
| | D3 | Eric ROTENBERG, et al., "Trace Processors," University of Wisconsin, 1997 <i>IEEE Service Center</i> , 12 pp. | |
| | D4 | E.N. ELNOZAHY, "Address Trace Compression Through Loop Detection and Reduction," ©1999 <i>ACM 1-58113-083</i> , pp. 214, 215. | |
| | D5 | Darren JONES, "Opal Coprocessor Interface," <i>MIP Proprietary/Confidential</i> , June 4, 1999, pp. 1-18. | |
| | D6 | Darren JONES, <i>MIPSS64™ 5KC™ Processor Cores User's Manual</i> , Rev. 1.0, July 4, 1999, pp. 6-1 to 6-26. | |
| | D7 | <i>MIPSS64™ 5KC™ Processor Cores User's Manual</i> , Rev. 1.0.1., 1999, pp. 247-276. | |
| | | | |
| | | | |
| | | | |

| | |
|-------------------------------|----------------------------|
| Examiner Signature | Date Considered |
|-------------------------------|----------------------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

² For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

³ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁴ Applicant is to place a check mark here if English language Translation is attached.

¹ Unique citation designation number.

² Applicant is to place a check mark here if English language Translation attached.